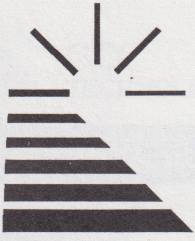

GCC TECHNOLOGIES

HARD DISK SPECIFICATIONS

GCC Technologies, Inc.
580 Winter Street
Waltham, MA 02154

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TECHNOLOGIES

UltraDrive S External and Internal Specifications

	UD 40*S*/40*Si*	UD 80*S*/80*Si*	UD 100*S*/100*Si*
Access Time:			
track to track (ms)	6	6	6
average (ms)	19	19	19
maximum (ms)	35	35	40
Functional:			
tracks	2502	5004	6114
cylinders	834	834	1019
sectors/track	28 or 35	28 or 35	28 or 35
read/write heads	3	6	6
platters	2	3	3
recording method	RLL (2,7)	RLL (2,7)	RLL (2,7)
Weight: lbs. (kgs.) (external)	6.6 (3.0)	6.6 (3.0)	6.6 (3.0)
Cache:	64K bytes	64K bytes	64K bytes
SCSI ID Selection:			
external	switch	switch	switch
internal	software	software	software
Head Parking:	automatic on power down	automatic on power down	automatic on power down
Error Correction Code Length:	48 bits	48 bits	48 bits
Best Interleave Value:			
Mac Plus	1:1	1:1	1:1
Mac SE	1:1	1:1	1:1
SE/30, II, IIx, IIcx	1:1	1:1	1:1

Dimensions: (external)	Height:	2.75 in (7.0 cm)
	Width:	9.50 in (24.1 cm)
	Depth:	10.75 in (27.3 cm)
Power Requirements:	Universal power supply:	90 to 240 VAC, 50 to 60 Hz, .5 A
Temperature:	operating:	50° F to 95° F (10° C to 35° C)
	non-operating:	-40° F to +140° F (-40° C to +60° C)
Relative Humidity:	8 to 80% (non condensing)	
Altitude:	operating:	0 to 10,000 ft (0 to 3,048 m)
	non-operating:	0 to 30,000 ft (0 to 9,144 m)

GCC
TECHNOLOGIES

UltraDrive External and Internal Specifications

	UD 20	UD 30/30*i*	UD 45/45*i*	UD 80/80*i*
Access Time:				
track to track (ms)	20	8	8	8
average (ms)	65	28	28	28
maximum (ms)	150	70	70	70
Functional:				
tracks	2460	2452	3678	4920
cylinders	615	613	613	820
sectors/track	17	26	26	34
read/write heads	4	4	6	6
platters	2	2	3	3
recording method	MFM	RLL (2,7)	RLL (2,7)	RLL (2,7)
Weight: lbs. (kgs.) (external)	7.4 (3.4)	6.3 (2.9)	6.3 (2.9)	7.4 (3.4)
Cache:	none	none	none	none
SCSI ID Selection:				
external	switch	switch	switch	switch
internal	n/a	software	software	software
Head Parking:	software shut down	automatic on power down	automatic on power down	automatic on power down
Error Correction Code Length:	32 bits	32 bits	32 bits	32 bits
Best Interleave Value:				
Mac Plus	2:1	2:1	2:1	3:1
Mac SE	2:1	2:1	2:1	2:1
SE/30, II, IIx, IIcx	1:1	1:1	1:1	1:1

Dimensions: (external)	Height:	2.75 in (7.0 cm)
	Width:	9.50 in (24.1 cm)
	Depth:	10.75 in (27.3 cm)
Power Requirements:	Universal power supply:	90 to 240 VAC, 50 to 60 Hz, .5 A
Temperature:	operating:	50° F to 95° F (10° C to 35° C)
	non-operating:	-40° F to +140° F (-40° C to +60° C)
Relative Humidity:	8 to 80% (non condensing)	
Altitude:	operating:	0 to 10,000 ft (0 to 3,048 m)
	non-operating:	0 to 30,000 ft (0 to 9,144 m)

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FX Specifications

	FX/20	FX/45	FX/80
Access Time:			
track to track (ms)	20	8	8
average (ms)	65	28	28
maximum (ms)	150	70	70
Functional:			
tracks	2460	3678	4920
cylinders	615	613	820
sectors/track	17	26	34
read/write heads	4	6	6
platters	2	3	3
recording method	MFM	RLL (2,7)	RLL (2,7)
Weight: lbs. (kgs.)	8.4 (3.8)	7.3 (3.3)	8.4 (3.8)
Cache:	none	none	none
SCSI ID Selection:	software	software	software
Head Parking:	software shut down	automatic on power down	automatic on power down
Error Correction Code Length:	32 bits	32 bits	32 bits
Best Interleave Value:			
Mac Plus	2:1	2:1	3:1
Mac SE	2:1	2:1	2:1
SE/30, II, IIx IIcx	1:1	1:1	1:1

Dimensions:	Height:	8.30 in (21.1 cm)
	Width:	3.90 in (9.9 cm)
	Depth:	13.23 in (33.7 cm)
Power Requirements:	USA & Canada:	90 to 130 VAC, 50 to 60 Hz, .5 A
	outside USA & Canada:	180 to 240 VAC, 50 Hz, .25 A
Temperature:	operating:	50° F to 95° F (10° C to 35° C)
	non-operating:	-40° F to +140° F (-40° C to +60° C)
Relative Humidity:	8 to 80% (non condensing)	
Altitude:	operating:	0 to 10,000 ft (0 to 3,048 m)
	non-operating:	0 to 30,000 ft (0 to 9,144 m)